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- ☐ 6. **That '70s throwback Fiat 500, last produced in 1975, returns to U.S. as summer toy; [North Sports Final Edition]**
 Jim Mueller Special to the Tribune. **Chicago Tribune**. Chicago, Ill.: Aug 30, 2001. p. 1
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 Richard T Schneider. **Hydraulics & Pneumatics**. Cleveland: Jan 2001. Vol. 54, Iss. 1; p. 6 (2 pages)

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M R Newhart. Hydraulics & Pneumatics. Cleveland: Mar 1999. Vol. 52, Iss. 3; p. 45 (3 pages)

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Richard T Schneider. Hydraulics & Pneumatics. Cleveland: Jan 1999. Vol. 52, Iss. 1; p. 16 (1 page)

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Richard T Schneider. Hydraulics & Pneumatics. Cleveland: May 1997. Vol. 50, Iss. 5; p. 10 (1 page)

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Anonymous. Machine Design. Cleveland: Jun 15, 1995. Vol. 67, Iss. 11; p. 149 (2 pages)

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- ☐ 26. **Power actuators, motors, and shock absorbers**
Anonymous. Machine Design. Cleveland: Jun 1993. Vol. 65, Iss. 13; p. 578 (10 pages)

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Dru Wilson, Gazette Telegraph. Colorado Springs Gazette - Telegraph. Jul 25, 1991. p. B.1

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- ☐ 29. **Power Actuators, Motors, and Shock Absorbers**
Anonymous. Machine Design. Cleveland: Jun 1990. Vol. 62, Iss. 11; p. 638 (13 pages)

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